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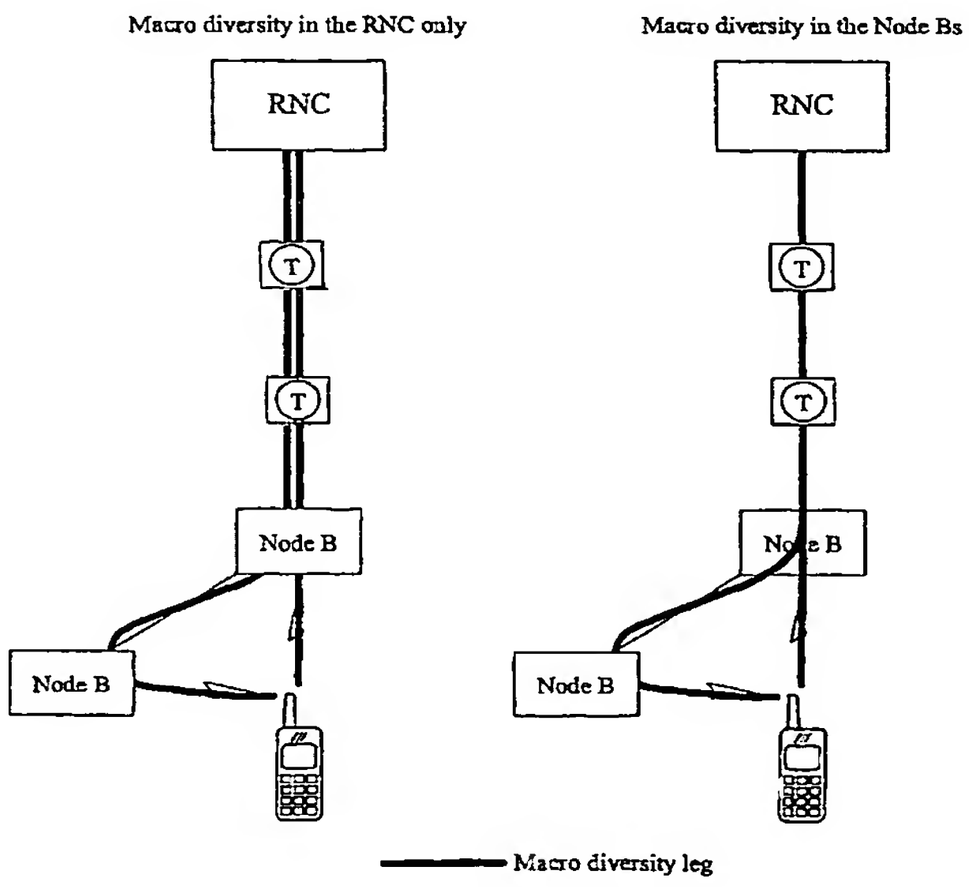
(54) Title: ARRANGEMENTS AND METHOD FOR HANDLING MACRO DIVERSITY IN UTRAN



(57) Abstract: The present invention relates to a Diversity Handover, DHO, node adapted to execute a macro diversity functionality in a mobile telecommunication system and a method and a computer program product thereof. The DHO node comprises means for performing an uplink combining of Dedicated Channel, DCH, frames wherein said DHO node comprises means for estimating the size of an adaptive receive window for receiving said DCH frames, the adaptive receive window comprises a starting point, denoted ref, and an end point for receiving a next DCH frame or a next set of DCH frames to be combined having a Connection Frame Number n, CFNn, based on the Time of Arrival, ToA, of a previous frame or a previous set of frames having a CFNn-1, and means for adjusting the adaptive receive window by changing its end point for a new frame or a new set of frames in accordance with the estimated size.

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